

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/014617

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B64C21/06 B64C21/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B64C B64D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 884 873 A (BREIT ET AL) 23 March 1999 (1999-03-23) column 3, line 4 - column 4, line 65; figures	1-13
X	US 4 642 997 A (KRAFKA ET AL) 17 February 1987 (1987-02-17) column 1, line 67 - column 3, line 67; figures	1-13
X	EP 0 517 459 A (GENERAL ELECTRIC COMPANY) 9 December 1992 (1992-12-09) column 4, line 39 - column 5, line 30 column 6, line 57 - column 8, line 23; figures	1-3, 5, 6, 8, 10-13
	----- -/-	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

\*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

\*&amp;\* document member of the same patent family

Date of the actual completion of the international search

8 April 2005

Date of mailing of the international search report

19/04/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Monica S. O. Navarro

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/014617

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 114 103 A (COFFINBERRY ET AL) 19 May 1992 (1992-05-19) column 4, line 42 - column 7, line 20; figures -----	1-3,5,8, 10-13

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/014617

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5884873	A	23-03-1999	DE 19617952 A1	06-11-1997
			DE 59710561 D1	18-09-2003
			EP 0805106 A2	05-11-1997
			ES 2205084 T3	01-05-2004
			RU 2116935 C1	10-08-1998
US 4642997	A	17-02-1987	DE 3412101 A1	10-10-1985
			DE 3509767 A1	02-01-1986
			DE 3546716 C2	15-10-1992
			ES 8703375 A1	01-05-1987
			FR 2563491 A1	31-10-1985
			GB 2158937 A ,B	20-11-1985
			IT 1183496 B	22-10-1987
EP 0517459	A	09-12-1992	NL 8500916 A	16-10-1985
			US 5137230 A	11-08-1992
			CA 2068177 A1	05-12-1992
			EP 0517459 A1	09-12-1992
			JP 5163963 A	29-06-1993
US 5114103	A	19-05-1992	JP 6096991 B	30-11-1994
			CA 2046765 A1	28-02-1992
			DE 4128078 A1	05-03-1992
			FR 2666064 A1	28-02-1992
			GB 2247510 A ,B	04-03-1992